

Title (en)

Active smart antenna system and fabrication method thereof

Title (de)

Aktives intelligentes Antennengruppensystem und zugehöriges Herstellungsverfahren

Title (fr)

Système active d'antennes intelligentes et son procédé de fabrication

Publication

EP 1458053 B1 20060823 (EN)

Application

EP 04005722 A 20040310

Priority

KR 20030016185 A 20030314

Abstract (en)

[origin: EP1458053A1] Disclosed are an active smart antenna system and a method thereof. The system comprises: an antenna (100) for receiving a signal; a low noise amplifier (200) for amplifying a signal received through the antenna so as to minimize a noise generation; and a phase shifter (300) for controlling a phase of the amplified signal. The antenna, the low noise amplifier, and the phase shifter are formed on one high resistance substrate (10). <IMAGE>

IPC 8 full level

H01Q 21/00 (2006.01); **H01Q 1/38** (2006.01); **H01Q 23/00** (2006.01); **H04B 1/18** (2006.01)

CPC (source: EP KR US)

H01Q 1/38 (2013.01 - EP US); **H01Q 21/00** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP KR US); **H01L 2224/05568** (2013.01 - EP US); **H01L 2224/05573** (2013.01 - EP US); **H01L 2224/16225** (2013.01 - EP US); **H01L 2224/32225** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP US); **H01L 2224/48227** (2013.01 - EP US); **H01L 2224/73265** (2013.01 - EP US); **H01L 2924/00014** (2013.01 - EP US)

Citation (examination)

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CN110741509A; CN112103637A; EP3136504A1; US10256538B2; US9667467B2; WO2012013998A1; EP1976354A4; EP3136505A1

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DOCDB simple family (application)

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